
**STATE HIGHWAY ADMINISTRATION
CAPITAL PROGRAM SUMMARY
(\$ MILLIONS)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>SIX-YEAR TOTAL</u>
<u>Construction Program</u>							
Major Projects	431.9	558.0	556.2	462.2	222.8	146.5	2,377.6
System Preservation Minor Projects	397.3	346.0	340.7	345.1	359.1	380.2	2,168.4
<u>Development & Evaluation Program</u>							
	<u>48.2</u>	<u>30.7</u>	<u>42.8</u>	<u>30.6</u>	<u>11.4</u>	<u>9.1</u>	<u>172.8</u>
TOTAL	877.4	934.7	939.7	837.9	593.3	535.8	4,718.8
Special Funds*	314.0	375.9	431.2	370.0	240.5	218.1	1,949.7
Federal Funds	563.4	558.8	508.5	467.9	352.8	317.7	2,769.1

* Includes General Funds for the Woodrow Wilson Bridge



PROJECT: Coordinated Highway Action Response Team (CHART)

DESCRIPTION: Install advanced traffic management system (ATMS) and advanced traffic information system (ATIS) technologies on Interstate highways and arterials statewide. Technologies include cameras, traffic detectors, weather sensors, dynamic message signs, highway advisory radios, web sites and telecommunication networks. CHART is comprised of five major components:
 1) Traffic and Roadway Monitoring; 2) Incident Management; 3) Traveler Information
 4) System Integration and Communication; 5) Traffic Management.

JUSTIFICATION: Heavy volumes of traffic, stop-and-go commuter peaks, and lack of comprehensive information regarding current, real-time conditions on available alternatives contribute to and compound the effects of unexpected incidents. With the growth in traffic outpacing any realistic hope of expanding capacity through building new highways, or expanding existing ones, it is imperative to operate the existing highway system more efficiently through the application of Intelligent Transportation System (ITS) technologies and Interagency teamwork.

SMART GROWTH STATUS:

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	1500	1500	1500	1500	3000	CMAQ
RW	0	0	0	0	0	----
CO	11000	8000	8000	9000	18000	CMAQ

STATUS: Engineering and Construction underway. This represents a summary of the Statewide CHART program. Individual corridor work is shown in the State Highway Administration's System Preservation Program.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Added \$12.2 million for further traffic management system projects. The additional funds are from adding fiscal year 2007.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2004.....	.....2005.....	.....2006.....	.....2007.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	27,662	13,063	2,234	2,315	2,391	2,470	2,550	2,639	14,599	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	156,369	106,068	8,866	7,285	7,809	8,030	8,850	9,461	50,301	0
Total	184,031	119,131	11,100	9,600	10,200	10,500	11,400	12,100	64,900	0
Federal-Aid	155,105	99,291	9,546	8,256	8,772	9,030	9,804	10,406	55,814	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A



PROJECT: Neighborhood Conservation Program

DESCRIPTION: This is the SHA element of the Statewide Neighborhood Conservation Program. Funds will be made available for highway transportation projects in designated revitalization areas. Areas will be designated by local jurisdictions taking into account factors such as the age and number of abandoned and substandard structures, the extent of unemployment, and the redevelopment plans and strategies of the local jurisdiction. Project improvements include roadway reconstruction, lighting and drainage improvements, streetscaping and roadway improvements.

JUSTIFICATION: Some of Maryland's older urban areas contain significant investments in physical infrastructure that are underutilized due to their inability to attract new investment. MDOT is joining with other State agencies to target resources for these areas with the goal of increasing their attractiveness to private investment.

SMART GROWTH STATUS:

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	9200	4100	3000	5100	20300	STP

STATUS: Engineering and Construction underway. Work is continuing with other State agencies to define additional program elements. This sheet represents a summary of the Neighborhood Conservation Program. Individual projects are shown in the SHA's System Preservation Program.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Added \$23.0 million for further construction of Neighborhood Conservation projects. The additional funds are from adding fiscal year 2007.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2004.....	.....2005.....	.....2006.....	.....2007.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	38,696	15,241	5,082	2,373	4,000	4,000	4,000	4,000	23,455	0
Right-of-way	4,162	2,149	539	274	300	300	300	300	2,013	0
Construction	214,116	62,084	24,679	29,953	26,100	21,100	24,300	25,900	152,032	0
Total	256,974	79,474	30,300	32,600	30,400	25,400	28,600	30,200	177,500	0
Federal-Aid	66,910	20,210	11,600	6,500	3,200	5,100	9,900	10,400	46,700	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A

A complete list of projects is shown in the front of this CTP.



PROJECT: Sidewalk Program

DESCRIPTION: Program will provide matching funds for the construction of sidewalks adjacent to State highways. Fifty percent of project costs will be required from local and municipal project sponsors, except in urban revitalization areas where projects are eligible for 100 percent state funding.

JUSTIFICATION: Program will support community revitalization efforts and efforts to encourage pedestrian usage along state highways consistent with the intent of the "Access 2000" legislation.

SMART GROWTH STATUS:

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Engineering and Construction underway. Continuing to work with local jurisdictions to identify projects. This sheet represents a summary of the Sidewalk Program. Individual projects are shown in the SHA's System Preservation Program.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Added \$3.7 million for further construction of sidewalks.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2004.....	.....2005.....	.....2006.....	.....2007.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,646	2,170	534	551	570	588	607	626	3,476	0
Right-of-way	4	4	0	0	0	0	0	0	0	0
Construction	24,950	10,826	2,666	3,349	2,230	1,712	1,993	2,174	14,124	0
Total	30,600	13,000	3,200	3,900	2,800	2,300	2,600	2,800	17,600	0
Federal-Aid	100	0	100	0	0	0	0	0	100	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A

A complete list of projects is shown in the front of this CTP.



PROJECT: Sound Barrier Program

DESCRIPTION: Funding to implement retrofit sound barrier projects that meet eligibility criteria.

JUSTIFICATION: Mitigating highway noise is an essential element of the Department's programs for environmental stewardship and community conservation.

SMART GROWTH STATUS:

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	4500	8000	8000	6000	NHS

STATUS: Engineering and Construction underway. This current program consolidates the total dollars available for sound barriers that meet eligibility criteria. Individual projects are shown in the State Highway Administration's System Preservation Program.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Added \$9.1 million for further implementation of retrofit sound barrier projects. The additional funds are from adding fiscal year 2007.

<u>POTENTIAL FUNDING SOURCE:</u>		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	<u>PROJECT CASH FLOW</u>									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY					SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2004.....	.....2005.....	.....2006.....	.....2007.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	29,649	17,774	1,000	2,125	2,800	1,950	2,000	2,000	11,875	0
Right-of-way	280	220	10	10	10	10	10	10	60	0
Construction	283,367	202,502	16,390	11,165	14,790	18,740	8,390	11,390	80,865	0
Total	313,296	220,496	17,400	13,300	17,600	20,700	10,400	13,400	92,800	0
Federal-Aid	197,778	160,678	5,800	1,900	7,100	10,700	4,300	7,300	37,100	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

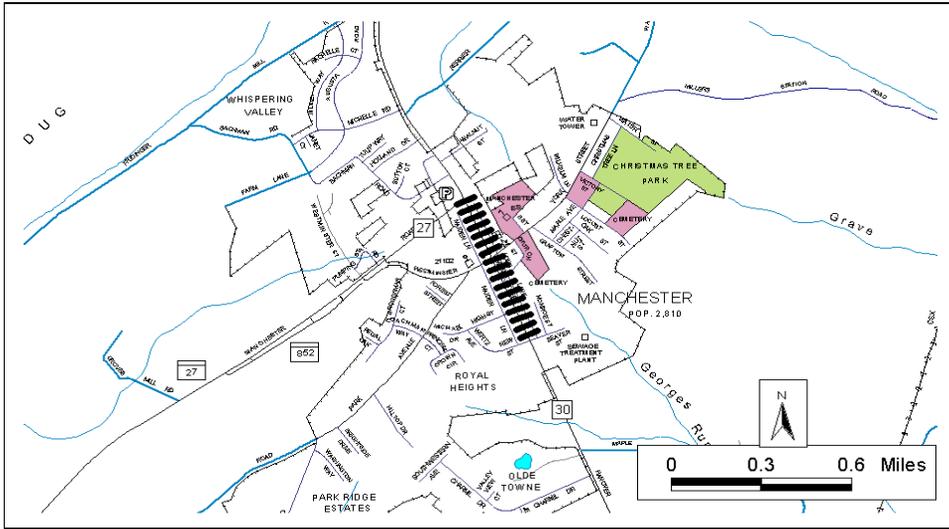
STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A



PROJECT: Smart Growth Initiative

DESCRIPTION: Reconstruct MD 30 from Beaver Street to MD 27 as alternative to Manchester Bypass.

JUSTIFICATION: Funding shown is for project removed from the Development and Evaluation Program due to inconsistency with Smart Growth principles. This alternative solution to transportation problems is consistent with Smart Growth principles.

SMART GROWTH STATUS:

- Project Not Location Specific or Location Not Determined
- Project Within PFA
- Grandfathered
- Project Outside PFA; Subject to Exception
- Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Federal Funding By Year of Obligation						
PHASE	FFY 2002	FFY 2003	FFY 2004	FFY 2005	FFY 2006 - 2007	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Final Engineering underway. Right-of-way and utilities to begin during current fiscal year. Construction to begin during budget fiscal year.

SIGNIFICANT CHANGE FROM FY 2001 - 06 CTP: Cost increase of \$4.2 million due to adding MD 30 improvement to the construction program.

PHASE	TOTAL		PROJECT CASH FLOW							SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPEND THRU 2001	CURRENT YEAR 2002	BUDGET YEAR 2003	FOR PLANNING PURPOSES ONLY						
					.....2004.....	.....2005.....	.....2006.....	.....2007.....			
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	623	168	300	155	0	0	0	0	0	455	0
Right-of-way	764	0	373	391	0	0	0	0	0	764	0
Construction	4,300	0	0	1,729	2,571	0	0	0	0	4,300	0
Total	5,687	168	673	2,275	2,571	0	0	0	0	5,519	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT () - N/A

PROJECTED () - N/A

OPERATING COST IMPACT: N/A

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2001
		<p><u>Fiscal Year 2001 Completions</u></p> <p><u>Enhancements</u></p> <p><u>Scenic/Historic Highway Programs/Visitor Centers</u></p>		
1		Bay Game I/II - Publication of the Maryland Bay Game educational pamphlets to educate the traveling public on their relationship to the Chesapeake Bay.	110	Underway
		<p><u>Fiscal Years 2002 and 2003</u></p> <p><u>C.H.A.R.T. Projects</u></p>		
2		C.H.A.R.T. Statewide Communications Network	20,762	Underway
3		C.H.A.R.T. Statewide System Integration	8,897	Underway
4		C.H.A.R.T. - I 83, I 795 and I 70 (Phase 2); advanced traffic management system additions	1,086	FY 2002
5		C.H.A.R.T. - I 97 and US 50 (Phase 2); advanced traffic management system additions	1,254	Underway
6		C.H.A.R.T. - I 695 and I 97 (Phase 2); advanced traffic management system additions	1,151	Underway
		<p><u>Enhancements</u></p> <p><u>Archaeological Planning & Research</u></p>		
7		Archeological and Historic sites data - Maryland Historic Trust - Develop historic resources and archeological sites information for use in transportation planning Geographic Information System.	524	Underway
8		Assessment of Cultural Resources - Development of an historical and archeological survey of cultural resources in transportation corridors in Kent and Queen Anne's Counties.	48	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2001
<u>Fiscal Years 2002 and 2003 (cont'd)</u>				
<u>Enhancements (cont'd)</u>				
<u>Archaeological Planning & Research (cont'd)</u>				
9		Maryland's Historic Highway Bridges - Publication of a book, CD, and Web information on Maryland's historic bridges.	48	Underway
10		National Road National Register Nomination - Documentation of National Road properties and sites.	56	FY 2002
<u>Landscaping/Scenic Beautification/Mitigation</u>				
11		Aesthetic Retrofits - Landscaping of SHA stormwater management facilities in highly visible areas and to increase diversity while minimizing thermal impacts.	400	FY 2002
12		Partnership Planting Program (Keep Maryland Beautiful) - Landscaping, community gateways, reforestation plantings, streetscapes and landscaping highways at the request of local governments, civic organizations, and garden clubs.	125	FY 2003
<u>Pedestrian and Bicycle Safety and Educational Activities</u>				
13		Pedestrian Safety Campaign - Production and distribution of pedestrian safety flyers to educate pedestrians and drivers on pedestrian safety.	20	Completed
<u>Environmental Mitigation</u>				
14		Urban Storm Water Retrofit Pilot Program - Retrofit, monitoring and sampling of Low Impact Development (LID) practices within different urban arenas.	200	FY 2003
15		Watershed Revitalization Partnership - Establish a program to expand existing efforts to protect and restore in-stream fish and wildlife habitat in targeted urban/suburban watersheds in partnership with the Maryland Department of Natural Resources.	6,000	FY 2003
16		Wetlands Restoration Program - Replacement of tidal and non-tidal wetlands throughout Maryland	500	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2001
<u>Fiscal Years 2002 and 2003 (cont'd)</u>				
<u>Enhancements (cont'd)</u>				
<u>Scenic/Historic Highway Programs/Visitor Centers</u>				
17		Civil War Driving Tour - Antietam - Develop a driving tour of Battle of Antietam, including trail blazer signing, mapping, waysides and interpretive signing.	690	FY 2002
18		Civil War Driving Tour - Gettysburg - Develop a driving tour to Gettysburg, including trail blazer signing, mapping, waysides, interpretive signing, and interactive signs and displays for the planned US 15 Visitor Center.	1,069	FY 2003
19		Keep Maryland Beautiful - Conduction of a campaign to raise the level of awareness statewide of the negative impact of littering on Maryland's highways, the environment, and the economy.	560	Completed